

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceilings

Item No	Cost Item Description	Unit of Measurement	Cost Ceiling Amount (*)
1	Professional Services Rates: Principal	\$/Hr	\$108
2	Professional Services Rates: Senior Level	\$/Hr	\$95
3	Professional Services Rates: Project Level	\$/Hr	\$81
4	Professional Services Rates: Staff Level	\$/Hr	\$71
5	Professional Services Rates: Field Level	\$/Hr	\$56
6	Professional Services Rates: Technical Personnel (CADD, Computer, Map Production, Etc.)	\$/Hr	\$49
7	Professional Services Rates: Administrative/Secretarial	\$/Hr	\$40
8	Professional Services Rates: Clerical/ Word Processor (Computer Included)	\$/Hr	\$34
9	Construction/Contracting Services Rates: Construction Field Supervisor	\$/Hr	\$58
10	Construction/Contracting Services Rates: Skilled Labor	\$/Hr	\$37
11	Construction/Contracting Services Rates: Unskilled Labor	\$/Hr	\$29
12	Construction/Contracting Services Rates: Equipment Operator (Avg. Rate To Operate A Std. Piece Of Equip.)	\$/Hr	\$42
13	Fieldwork Per Diem Without Overnight Stay	\$/Day	\$26
14	Fieldwork Per Diem With Overnight Stay (Incl Lodging)	\$/Day	\$82
15	Per Diem Requirement (# Miles Required)	# Miles	65
16	Consultant Mileage Rate	\$/Miles	\$0.44
17	Subcontractor Mark-up %	%	16%
18	Tank Removal And Closure Consultant Cost: Scenario 1 (Tank < 1,000 Gallons)	\$/Tank	\$2,110
19	Tank Removal And Closure Consultant Cost: Scenario 2 (1,000 <= Tank <= 5,000 Gallons)	\$/Tank	\$2,312
20	Tank Removal And Closure Consultant Cost: Scenario 3 (5,000 < Tank <= 12,000 Gallons)	\$/Tank	\$2,541
21	Tank Removal And Closure Consultant Cost: Scenario 4 (Tank > 12,000 Gallons)	\$/Tank	\$2,624
22	Tank Removal And Closure Contractor Cost: Scenario 1 (Tank < 1,000 Gallons)	\$/Tank	\$2,578
23	Tank Removal And Closure Contractor Cost: Scenario 2 (1,000 <= Tank <= 5,000 Gallons)	\$/Tank	\$4,285
24	Tank Removal And Closure Contractor Cost: Scenario 3 (5,000 < Tank <= 12,000 Gallons)	\$/Tank	\$5,707
25	Tank Removal And Closure Contractor Cost: Scenario 4 (Tank > 12,000 Gallons)	\$/Tank	\$9,691
26	Health And Safety Plan	\$/Report	\$400
27	Approved Site Characterization Work Plan Scenario 1: Soil Only	\$/Report	\$2,750
28	Approved Site Characterization Work Plan Scenario 2: Soil & GW	\$/Report	\$4,000
29	Contractor Cost: Soil Boring And Sampling, Hollow Stem Auger, < 100 Feet	\$/Ft	\$16
30	Contractor Cost: Soil Boring And Sampling, Hollow Stem Auger, >= 100 Feet	\$/Ft	\$18
31	Contractor Cost: Soil Boring And Sampling, Air Rotary, < 100 Feet	\$/Ft	\$32
32	Contractor Cost: Soil Boring And Sampling, Air Rotary, >= 100 Feet	\$/Ft	\$33
33	Contractor Cost: Soil Boring And Sampling, Rotosonic, < 100 Feet	\$/Ft	\$33
34	Contractor Cost: Soil Boring And Sampling, Rotosonic, >= 100 Feet	\$/Ft	\$38
35	Contractor Cost: Soil Boring And Sampling, Dual Wall Percussion Drill Rig, <100 Feet	\$/Ft	\$36
36	Contractor Cost: Soil Boring And Sampling, Dual Wall Percussion Drill Rig, >= 100 Feet	\$/Ft	\$40
37	Contractor Cost: Soil Boring And Sampling Mob/Demob Contractor Cost: All Rig Types	\$/Event	\$200
38	Contractor Cost: Soil Boring And Sampling Equipment Travel Cost, Hollow Stem Auger	\$/Mile	\$2.7
39	Contractor Cost: Soil Boring And Sampling Equipment Travel Cost, All Other (non HSA) Rig Types	\$/Mile	\$4.2
40	Contractor Standby Rate, Hollow Stem Auger	\$/Hour	\$110
41	Contractor Standby Rate, All Other (non HSA) Rig Types	\$/Hour	\$180
42	Contractor Cost: Soil Boring And Sampling Concrete Coring And Replacement	\$/Boring	\$54
43	Contractor Cost: Soil Boring And Sampling Asphalt Coring And Replacement	\$/Boring	\$39
44	Contractor Cost: Hydropunch Sampling From Soil Boring: Collect Sample	\$/Boring	\$151

45	Grouting Of Soil Borings: Contractor Cost, Boring Diameter < 8"	\$/Ft	\$5.0
46	Grouting Of Soil Borings: Contractor Cost, Boring Diameter 8" To 10"	\$/Ft	\$6.5
47	Grouting Of Soil Borings: Contractor Cost, Boring Diameter >= 10 "	\$/Ft	\$8.0
48	Installation Of 2" Wells By Hollow Stem Auger, < 100 Feet	\$/Ft	\$33
49	Installation Of 2" Wells By Hollow Stem Auger, >= 100 Feet	\$/Ft	\$34
50	Installation Of 2" Wells By All Other (non HSA) Rig Types, < 100 Feet	\$/Ft	\$52
51	Installation Of 2" Wells By All Other (non HSA) Rig Types, >= 100 Feet	\$/Ft	\$60
52	Installation Of 4" Wells By Hollow Stem Auger, < 100 Feet	\$/Ft	\$38
53	Installation Of 4" Wells By Hollow Stem Auger, >= 100 Feet	\$/Ft	\$39
54	Installation Of 4" Wells By All Other (non HSA) Rig Types, < 100 Feet	\$/Ft	\$57
55	Installation Of 4" Wells By All Other (non HSA) Rig Types, >= 100 Feet	\$/Ft	\$65
56	Installation Of 6" Wells By Hollow Stem Auger, < 100 Feet	\$/Ft	\$56
57	Installation Of 6" Wells By Hollow Stem Auger, >= 100 Feet	\$/Ft	\$57
58	Installation Of 6" Wells By All Other (non HSA) Rig Types, < 100 Feet	\$/Ft	\$75
59	Installation Of 6" Wells By All Other (non HSA) Rig Types, >= 100 Feet	\$/Ft	\$83
60	Surface Well Completion Contractor Cost Scenario 1: Access Manhole <=12"	\$/Well	\$210
61	Surface Well Completion Contractor Cost Scenario 2: Access Manhole > 12" To <= 24"	\$/Well	\$365
62	Well Development Contractor Cost Scenario 1: 2" Well Development Cost, < 100 Feet	\$/Well	\$220
63	Well Development Contractor Cost Scenario 1: 2" Well Development Cost >= 100 Feet	\$/Well	\$255
64	Well Development Contractor Cost Scenario 2: 4" Well Development Cost, < 100 Feet	\$/Well	\$240
65	Well Development Contractor Cost Scenario 2: 4" Well Development Cost >= 100 Feet	\$/Well	\$295
66	Well Development Contractor Cost Scenario 3: 6" Well Development Cost, < 100 Feet	\$/Well	\$260
67	Well Development Contractor Cost Scenario 3: 6" Well Development Cost, >= 100 Feet	\$/Well	\$335
68	Well Abandonment By Grouting, Well <= 2"	\$/Ft	\$6
69	Well Abandonment By Grouting, Well > 2" to <= 4"	\$/Ft	\$8
70	Well Abandonment By Grouting, Well > 4"	\$/Ft	\$12
71	Well Abandonment By Grouting: Mob/Demob Cost	\$/Event	\$215
72	Well Abandonment By Drill Out (maximum 20 feet)	\$/Well	\$260
73	Site Characterization Report Consultant Cost Scenario 1: Up To 7 Borings	\$/Report	\$3,550
74	Site Characterization Report Consultant Cost Scenario 2: Up To 5 Wells	\$/Report	\$4,225
75	Site Characterization Report Consultant Cost Scenario 3: Up To 7 Borings & 5 Wells	\$/Report	\$5,225
76	Interim Status Report	\$/Report	\$1,250
77	Groundwater Monitoring Sampling Fieldwork Scenario 1: 2" Well < 100 Feet	\$/Well	\$202
78	Groundwater Monitoring Sampling Fieldwork Scenario 1: 2" Well >= 100 Feet	\$/Well	\$283
79	Groundwater Monitoring Sampling Fieldwork Scenario 2: 4" Well < 100 Feet	\$/Well	\$283
80	Groundwater Monitoring Sampling Fieldwork Scenario 2: 4" Well >= 100 Feet	\$/Well	\$344
81	Groundwater Monitoring Sampling Fieldwork Scenario 3: 6" Well < 100 Feet	\$/Well	\$349
82	Groundwater Monitoring Sampling Fieldwork Scenario 3: 6" Well >= 100 Feet	\$/Well	\$413
83	Free Product/Fluid Level Monitoring	\$/Well	\$45
84	Free Product/Fluid Level Monitoring Consultant Equipment Mob/Demob Cost	\$/Event	\$127
85	First Quarterly Groundwater Monitoring Report Scenario 1: Up Through 5 Wells	\$/Report	\$1,775
86	First Quarterly Groundwater Monitoring Report Scenario 2: > 5 Wells	\$/Report	\$1,875
87	Subsequent Groundwater Monitoring Report Scenario 1: Up Through 5 Wells	\$/Report	\$875
88	Subsequent Groundwater Monitoring Report Scenario 2: > 5 Wells	\$/Report	\$925
89	Approved Corrective Action Plan Scenario 1: CAP with Proposed Remediation	\$/Report	\$5,400
90	Approved Corrective Action Plan Scenario 2: CAP For Proposed Natural Attenuation	\$/Report	\$3,575
91	Remedial Action Plan Scenario 1: RAP For Ex-Situ Soil Treatment	\$/Report	\$3,250
92	Remedial Action Plan Scenario 2: RAP For In-Situ Soil Treatment	\$/Report	\$3,550
93	Excavated Soil Treatment/Disposal/Recycling: Bulk Soil Excavation (Contaminated Soil) <=500 Tons	\$/Ton	\$6
94	Excavated Soil Treatment/Disposal/Recycling: Bulk Soil Excavation (Contaminated Soil) > 500 Tons	\$/Ton	\$4

95	Excavated Soil Treatment/Disposal/Recycling: Bulk Soil Transportation (Incl Loading <= 250 Miles RD Trip)	\$/Ton	\$16
96	Excavated Soil Treatment/Disposal/Recycling: Backfill (Labor, Hauling; Materials; Equipment; Compaction)	\$/Ton	\$16
97	Excavated Soil Treatment/Disposal/Recycling: Landfill Disposal (Contaminated Soil)	\$/Ton	\$34
98	Excavated Soil Treatment/Disposal/Recycling: Thermal Remediation (Ex-Situ, On-Site, Portable Facility)	\$/Ton	\$38
99	Excavated Soil Treatment/Disposal/Recycling: Thermal Remediation (Ex-Situ, Off-Site, Fixed Facility)	\$/Ton	\$26
100	Excavated Soil Treatment/Disposal/Recycling: Bioremediation (Off-Site, Fixed Facility)	\$/Ton	\$32
101	LAB ANALYSIS: TPH by 418.1 AZ/BLS - 181 (Soil Only)	\$/Test	\$50
102	LAB ANALYSIS: TPH by EPA method 418.1 (GW only)	\$/Test	\$51
103	LAB ANALYSIS: TPH by EPA method 8015 (modified)/BLS-191 (Soil)	\$/Test	\$81
104	LAB ANALYSIS: TPH by EPA method 8015 (modified)/BLS191 (Air Only)	\$/Test	\$72
105	LAB ANALYSIS: TPH/BTEX by EPA Method 8015 (modified)/8020 (Soil)	\$/Test	\$88
106	LAB ANALYSIS: TPH/BTEX by EPA Method 8015 (modified)/8020 (Air)	\$/Test	\$132
107	LAB ANALYSIS: BTEX by EPA 8020 (Soil)	\$/Test	\$85
108	LAB ANALYSIS: BTEX by EPA 8020 (Air)	\$/Test	\$93
109	LAB ANALYSIS: Halogenated VOCs by EPA Method 8010 (Soil)	\$/Test	\$121
110	LAB ANALYSIS: Halogenated VOCs by EPA Method 8010 (Air)	\$/Test	\$133
111	LAB ANALYSIS: EPA Method 8010/8020 (Soil)	\$/Test	\$177
112	LAB ANALYSIS: EPA 502.2 Target compounds including BTEX (GW)	\$/Test	\$204
113	LAB ANALYSIS: EPA 524 Target compounds including BTEX (GW)	\$/Test	\$232
114	LAB ANALYSIS: BTEX EPA Method 503.1 (GW)	\$/Test	\$100
115	LAB ANALYSIS: BTEX EPA Method 502.2 (GW)	\$/Test	\$147
116	LAB ANALYSIS: Lead by EPA Method 6010 (Soil)	\$/Test	\$36
117	LAB ANALYSIS: EPA Method 601 (GW)	\$/Test	\$114
118	LAB ANALYSIS: EPA Method 602 (GW)	\$/Test	\$99
119	LAB ANALYSIS: EPA Method 601/602 (GW)	\$/Test	\$162
120	LAB ANALYSIS: EPA Method 8021 (Soil & GW)	\$/Test	\$170
121	LAB ANALYSIS: EPA Method 8310 (Soil & GW)	\$/Test	\$160
122	LAB ANALYSIS: EPA Method 8270 (Soil & GW)	\$/Test	\$335
123	LAB ANALYSIS: EPA Method 8100 (Soil & GW)	\$/Test	\$250
124	LAB ANALYSIS: Igniteability Test (Soil)	\$/Test	\$36
125	LAB ANALYSIS: pH (Soil)	\$/Test	\$13
126	LAB ANALYSIS: pH (GW)	\$/Test	\$13
127	LAB ANALYSIS: Phosphate-P (Soil)	\$/Test	\$26
128	LAB ANALYSIS: Nitrate+nitrite-N (Soil)	\$/Test	\$22
129	LAB ANALYSIS: Mobile Lab Rate - Soil & GW (4 hour minimum charge)	\$/Hr	\$175
130	LAB ANALYSIS: Mobile Lab Mob/Demob Rate	\$/Hr	\$100
131	Equipment Rental: Decon Equipment (Buckets/Brushes/Detergent)	\$/Day	\$10
132	Equipment Rental: Hand Auger Sampling Kit (Hand Auger/Brass Sleeves)	\$/Day	\$30
133	Equipment Rental: Slide Hammer Core Sampler	\$/Day	\$24
134	Equipment Rental: Photoionization Detector	\$/Day	\$90
135	Equipment Rental: Flame Ionization Detector	\$/Day	\$107
136	Equipment Rental: LEL/O2 Meter	\$/Day	\$44
137	Equipment Rental: pH and Conductivity Meter	\$/Day	\$28
138	Equipment Rental: Dissolved Oxygen Meter	\$/Day	\$25
139	Equipment Rental: 2" Environmental Submersible Pump	\$/Day	\$100
140	Equipment Rental: 4" Environmental Submersible Pump	\$/Day	\$90
141	Equipment Rental: Tedlar Bag Sampler	\$/Day	\$21
142	Equipment Rental: Portable VES Pilot Test Unit	\$/Day	\$383
143	Equipment Rental: Portable Generator, <= 10 kW	\$/Day	\$25
144	Equipment Rental: Steam Cleaner/Pressure Washer	\$/Day	\$95

145	Equipment Rental: Water Level Indicator	\$/Day	\$17
146	Equipment Rental: Oil/Water Interface Probe	\$/Day	\$51
147	Equipment Rental: Contractor Heavy Duty Service Truck (includes tools and equipment)	\$/Day	\$70
148	Equipment Rental: Bailer Rental	\$/Day	\$12
149	Equipment Rental: Disposable Bailers	Total \$	\$7
150	Equipment Rental: 55 Gallon Drum (new)	Total \$	\$48
151	Equipment Rental: 55 Gallon Drum (reconditioned)	Total \$	\$39

(*) Cost Ceiling amounts listed exclude mark-up except for professional service items one through eight. Mark-up allowable only for subcontracted items. Mark-up is not to exceed 16%

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1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
1	Professional Services Rates: Principal	The authorized tasks for a Principal include: direct professional staff; serve as technical expert or coordinator of large or technically challenging projects; provide final review of project documents that legally bind the company; limited site visits on complex site projects. Assume no per diem allowance.
2	Professional Services Rates: Senior Level	The authorized tasks for a Senior Level Professional include: project management/oversight; limited work plan preparation on complex sites; final report preparation/review; develop and oversee project budget; work plan review; coordinate with agency, client and contractors; occasional site inspections; hydrogeologic and contaminate modeling; equipment specification review, supervise complex remediation activities. Assume no per diem allowance.
3	Professional Services Rates: Project Level	The authorized tasks for a Project Level Professional include: work plan preparation; field work preparation and planning; occasional site visits during site characterization activities; conduct field activities during complex remediation activities; report preparation and review; data review and analysis; equipment selection and design; supervise UST soil and groundwater remediation activities. Assume no per diem allowance.
4	Professional Services Rates: Staff Level	The authorized tasks for a Staff Level Professional include: report preparation; remediation system installation and maintenance; site reconnaissance and mapping; obtain site access; installation of soil boring and monitoring wells; supervise UST removal and soil removal and other on-site remediation activities; waste characterization; assist in modeling and data analysis. Assume no per diem allowance.
5	Professional Services Rates: Field Level	The authorized tasks for a Field Level Professional include: groundwater monitoring and monthly gauging; well purging development; free product removal; installation of soil borings and monitoring wells; limited contractor supervision; field equipment/sample preparation; decontamination; other routine field activities. Assume no per diem allowance.
6	Professional Services Rates: Technical Personnel (CADD, Computer, Map Production, Etc.)	The authorized tasks for Technical Personnel include: CADD work; generate new drawings, maps and plans system/equipment operation. Assume no per diem allowance.

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7	Professional Services Rates: Administrative/Secretarial	The authorized tasks for Administrative/Secretarial Professionals include: invoice preparation; word processing; proofreading/editing. Assume no per diem allowance.
8	Professional Services Rates: Clerical/ Word Processor (Computer Included)	The authorized tasks for Clerical/Word Processing Professionals include: general clerical duties; documentation reproduction; report binding; filing. Assume no per diem allowance.
9	Construction/Contracting Services Rates: Construction Field Supervisor	The authorized tasks for a Construction Field Supervisor include: performs initial site visits for contractor; supervises complex construction projects requiring multiple construction personnel. Assume no per diem allowance.
10	Construction/Contracting Services Rates: Skilled Labor	The authorized tasks for Skilled Laborers include: operate small equipment. Performs skilled labor tasks (i.e welding, electrical, plumbing). Assume no per diem allowance.
11	Construction/Contracting Services Rates: Unskilled Labor	The authorized tasks for Unskilled Laborers include: perform general labor tasks. Assume no per diem allowance.
12	Construction/Contracting Services Rates: Equipment Operator (Avg. Rate To Operate A Std. Piece Of Equip.)	The authorized tasks for an Equipment Operator include: operate heavy equipment including backhoe, dump truck, excavator, loader, etc. Assume no per diem allowance.
13	Fieldwork Per Diem Without Overnight Stay	Fieldwork Per Diem Without Overnight Stay
14	Fieldwork Per Diem With Overnight Stay (Incl Lodging)	Fieldwork Per Diem With Overnight Stay (Incl Lodging)
15	Per Diem Requirement (# Miles Required)	Per Diem Requirement (# Miles Required)
16	Consultant Mileage Rate	Consultant Mileage Rate
17	Subcontractor Mark-up %	Subcontractor Mark-up %

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<u>No.</u>	<u>Item</u>	<u>Description</u>
18	Tank Removal And Closure Consultant Cost: Scenario 1 (Tank < 1,000 Gallons)	This task consists of consultant personnel, equipment hours and rates required for the following activities: site assessment; field supervision / oversight, closure report, project management and administrative support. Assume no travel or mileage and no contaminated soil excavation.
19	Tank Removal And Closure Consultant Cost: Scenario 2 (1,000 <= Tank <= 5,000 Gallons)	This task consists of consultant personnel, equipment hours and rates required for the following activities: site assessment; field supervision / oversight, closure report, project management and administrative support. Assume no travel or mileage and no contaminated soil excavation.
20	Tank Removal And Closure Consultant Cost: Scenario 3 (5,000 < Tank <= 12,000 Gallons)	This task consists of consultant personnel, equipment hours and rates required for the following activities: site assessment; field supervision / oversight, closure report, project management and administrative support. Assume no travel or mileage and no contaminated soil excavation.
21	Tank Removal And Closure Consultant Cost: Scenario 4 (Tank > 12,000 Gallons)	This task consists of consultant personnel, equipment hours and rates required for the following activities: site assessment; field supervision / oversight, closure report, project management and administrative support. Assume no travel or mileage and no contaminated soil excavation.
22	Tank Removal And Closure Contractor Cost: Scenario 1 (Tank < 1,000 Gallons)	This task consists of personnel and equipment required hours and rates for the following activities: site assessment, tank removal, decommissioning, cutting, disposal and backfill. Assume no travel or mileage and no contaminated soil excavation.
23	Tank Removal And Closure Contractor Cost: Scenario 2 (1,000 <= Tank <= 5,000 Gallons)	This task consists of personnel and equipment required hours and rates for the following activities: site assessment, tank removal, decommissioning, cutting, disposal and backfill. Assume no travel or mileage and no contaminated soil excavation.
24	Tank Removal And Closure Contractor Cost: Scenario 3 (5,000 < Tank <= 12,000 Gallons)	This task consists of personnel and equipment required hours and rates for the following activities: site assessment, tank removal, decommissioning, cutting, disposal and backfill. Assume no travel or mileage and no contaminated soil excavation.
25	Tank Removal And Closure Contractor Cost: Scenario 4 (Tank > 12,000 Gallons)	This task consists of personnel and equipment required hours and rates for the following activities: site assessment, tank removal, decommissioning, cutting, disposal and backfill. Assume no travel or mileage and no contaminated soil excavation.

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<u>No.</u>	<u>Item</u>	<u>Description</u>
26	Health And Safety Plan	This task consists of personnel and equipment hours and rates required to complete the following activities: personnel time for preparation of the Health and Safety Plan for all planned activities including time for review; clerical support; and all other direct costs such as copying and binding. The Health and Safety Plan must be in accordance with OSHA requirements.
27	Approved Site Characterization Work Plan Scenario 1: Soil Only	This task consists of the personnel and equipment hours and rates required to complete the following activities: prepare SAF preapproval application package; prepare site specific work plan as required by ADEQ or for SAF pre-approval purposes including property background, UST history discussion, and discussion of proposed activities and preparation of cost estimates. Additional activities include the personnel time for preparation of the application package and the workplan including time for review, clerical support, and all other direct costs such as copying and binding. Note: If the site characterization work performed does not meet the goal, any additional work plan approved by the ADEQ will receive no more than one-half of the workplan cost ceiling amount.
28	Approved Site Characterization Work Plan Scenario 2: Soil & GW	This task consists of the personnel and equipment hours and rates required to complete the following activities: prepare SAF preapproval application package; prepare site specific work plan as required by ADEQ or for SAF pre-approval purposes including property background, UST history discussion, and discussion of proposed activities and preparation of cost estimates. Additional activities include the personnel time for preparation of the application package and the workplan including time for review, clerical support, and all other direct costs such as copying and binding. Note: If the site characterization work performed does not meet the goal, any additional work plan approved by the ADEQ will receive no more than one-half of the workplan cost ceiling amount.
29	Contractor Cost: Soil Boring And Sampling, Hollow Stem Auger,< 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.

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<u>No.</u>	<u>Item</u>	<u>Description</u>
30	Contractor Cost: Soil Boring And Sampling, Hollow Stem Auger, >= 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.
31	Contractor Cost: Soil Boring And Sampling, Air Rotary, < 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.
32	Contractor Cost: Soil Boring And Sampling, Air Rotary, >= 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.
33	Contractor Cost: Soil Boring And Sampling, Rotosonic, < 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.
34	Contractor Cost: Soil Boring And Sampling, Rotosonic, >= 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.

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<u>No.</u>	<u>Item</u>	<u>Description</u>
35	Contractor Cost: Soil Boring And Sampling, Dual Wall Percussion Drill Rig, < 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.
36	Contractor Cost: Soil Boring And Sampling, Dual Wall Percussion Drill Rig, >= 100 Feet	This task consists of the total cost per foot for the following activities: drilling; sampling at 5' intervals; brass sleeves; drilling consumables/bits; decontamination; and any necessary drilling contractor equipment. Assume no mob/demob costs or travel, no standby time and no concrete/asphalt coring and replacement. Assume vertical drilling with no restrictive access.
37	Contractor Cost: Soil Boring And Sampling Mob/Demob Contractor Cost, All Rig Types	This task consists of when appropriate the personnel and equipment hours and rates required for the following activities: equipment loading; site clean-up; rig decontamination. Assume no travel time.
38	Contractor Cost: Soil Boring And Sampling Equipment Travel Cost, Hollow Stem Auger	This task consists of equipment travel cost per mile (including support vehicles) for a Hollow Stem Auger Rig. Assume no personnel cost.
39	Contractor Cost: Soil Boring And Sampling Equipment Travel Cost, All Other (Non HSA) Rig Types	This task consists of equipment travel cost per mile (including support vehicles) for all other (non HSA) rig types. Assume no personnel cost.
40	Contractor Standby Rate, Hollow Stem Auger	This task consists of the hourly standby rate for a hollow stem auger.
41	Contractor Standby Rate, All Other (Non HSA) Rig Types	This task consists of the hourly standby rate for all other (non HSA) rig types.
42	Contractor Cost: Soil Boring And Sampling Concrete Coring And Replacement	This task consists of the cost per boring for concrete coring and replacement.

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43	Contractor Cost: Soil Boring And Sampling Asphalt Coring And Replacement	This task consists of the cost per boring for asphalt coring and replacement.
44	Contractor Cost: Hydropunch Sampling From Soil Boring: Collect Sample	This task consists of the cost per boring for the drilling contractor's time, expendables and equipment. Assume costs are based on advancing hydropunch sampler 5' below the auger. Excludes mileage and mob/demob.
45	Grouting Of Soil Borings: Contractor Cost, Boring Diameter < 8"	This task consists of the cost per foot (\$/foot) for the labor and materials associated with the grouting of soil borings. Assume no mob/demob or mileage. Soil borings in excess of 100 feet or borings which encounter an aquifer require grouting.
46	Grouting Of Soil Borings: Contractor Cost, Boring Diameter 8" To 10"	This task consists of the cost per foot (\$/foot) for the labor and materials associated with the grouting of soil borings. Assume no mob/demob or mileage. Soil borings in excess of 100 feet or borings which encounter an aquifer require grouting.
47	Grouting Of Soil Borings: Contractor Cost, Boring Diameter >= 10"	This task consists of the cost per foot (\$/foot) for the labor and materials associated with the grouting of soil borings. Assume no mob/demob or mileage. Soil borings in excess of 100 feet or borings which encounter an aquifer require grouting.
48	Installation Of 2" Wells By Hollow Stem Auger, < 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
49	Installation Of 2" Wells By Hollow Stem Auger, >= 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
50	Installation Of 2" Wells By All Other (Non HSA) Rig Types, < 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
51	Installation Of 2" Wells By All Other (Non HSA) Rig Types, >= 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
52	Installation Of 4" Wells By Hollow Stem Auger, < 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
53	Installation Of 4" Wells By Hollow Stem Auger, >= 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
54	Installation Of 4" Wells By All Other (Non HSA) Rig Types, < 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
55	Installation Of 4" Wells By All Other (Non HSA) Rig Types, >= 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
56	Installation Of 6" Wells By Hollow Stem Auger, < 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
57	Installation Of 6" Wells By Hollow Stem Auger, >= 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
58	Installation Of 6" Wells By All Other (Non HSA) Rig Types, < 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
59	Installation Of 6" Wells By All Other (Non HSA) Rig Types, >= 100 Feet	This task consists of the cost per foot estimate for the following items/activities: drilling rig and crew; sampling at 5' intervals; decontamination procedures; sampling equipment; brass sleeves; drilling consumables/bits; well installation; well materials. Assume no concrete coring, no restrictive access, no nested wells, no mob/demob or travel.
60	Surface Well Completion Contractor Cost Scenario 1: Access Manhole <=12"	This task consists of the personnel, equipment and materials required to install a concrete pad with traffic rated (flush) manhole. Assume no sawcutting, mob/demob or travel.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
61	Surface Well Completion Contractor Cost Scenario 2: Access Manhole > 12" To <= 24"	This task consists of the personnel, equipment and materials required to install a concrete pad with traffic rated (flush) manhole. Assume no sawcutting, mob/demob or travel.
62	Well Development Contractor Cost Scenario 1: 2" Well Development Cost < 100 Feet	This task consists of the \$/well estimated cost for the labor and equipment required to develop a new monitoring well in accordance with ADEQ requirements. Assume no low yield wells, no mob/demob or travel and no consultant supervision cost.
63	Well Development Contractor Cost Scenario 1: 2" Well Development Cost, >= 100 Feet	This task consists of the \$/well estimated cost for the labor and equipment required to develop a new monitoring well in accordance with ADEQ requirements. Assume no low yield wells, no mob/demob or travel and no consultant supervision cost.
64	Well Development Contractor Cost Scenario 2: 4" Well Development Cost, < 100 Feet	This task consists of the \$/well estimated cost for the labor and equipment required to develop a new monitoring well in accordance with ADEQ requirements. Assume no low yield wells, no mob/demob or travel and no consultant supervision cost.
65	Well Development Contractor Cost Scenario 2: 4" Well Development Cost >= 100 Feet	This task consists of the \$/well estimated cost for the labor and equipment required to develop a new monitoring well in accordance with ADEQ requirements. Assume no low yield wells, no mob/demob or travel and no consultant supervision cost.
66	Well Development Contractor Cost Scenario 3: 6" Well Development Cost, < 100 Feet	This task consists of the \$/well estimated cost for the labor and equipment required to develop a new monitoring well in accordance with ADEQ requirements. Assume no low yield wells, no mob/demob or travel and no consultant supervision cost.
67	Well Development Contractor Cost Scenario 3: 6" Well Development Cost, >= 100 feet.	This task consists of the \$/well estimated cost for the labor and equipment required to develop a new monitoring well in accordance with ADEQ requirements. Assume no low yield wells, no mob/demob or travel and no consultant supervision cost.
68	Well Abandonment By Grouting, Well <= 2"	This task consists of the cost per foot for well abandonment by grouting. Assume no mob/demob or travel time.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
69	Well Abandonment By Grouting, Well > 2" To <= 4"	This task consists of the cost per foot for well abandonment by grouting. Assume no mob/demob or travel time.
70	Well Abandonment By Grouting, Well > 4"	This task consists of the cost per foot for well abandonment by grouting. Assume no mob/demob or travel time.
71	Well Abandonment By Grouting, Mob/Demob Cost	This task consists of the personnel and equipment required hours and rates for the following activities: equipment loading; site clean-up; rig decontamination. Assume no travel time.
72	Well Abandonment By Drill Out (Maximum 20 Feet)	This task consists of the \$/foot estimate for well abandonment by drill out. Assume no mob/demob or travel time.
73	Site Characterization Report Consultant Cost Scenario 1: Up To 7 Borings	This task consists of the personnel and equipment required hours and rates to complete the SCR report. The Report should include data collection, evaluation and documentation including all figures and reports in the format specified by the ADEQ site characterization guidance and report form (SCRF). Required attachments to the SCR include a site location map, site plan, soil contamination map, geologic cross sections, soil sampling analytical results, laboratory reports, chain-of-custody and laboratory QA/QC reports. Activities include the personnel time for preparation of the report including time for review, clerical support, and all other direct costs such as copying and binding. The Site Characterization Report should only be submitted if the consultant believes the SCR defines the extent of the contamination. Otherwise, the consultant should provide an Interim Status Report.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
74	Site Characterization Report Consultant Cost Scenario 2: Up To 5 Wells	This task consists of the personnel and equipment required hours and rates to complete the SCR report. The Report should include data collection, evaluation and documentation including all figures and reports in the format specified by the ADEQ site characterization guidance and report form (SCRF). Required attachments to the SCR include a site location map, site plan, soil contamination map, geologic cross sections, soil sampling analytical results, laboratory reports, chain-of-custody and laboratory QA/QC reports. Activities include the personnel time for preparation of the report including time for review, clerical support, and all other direct costs such as copying and binding. The Site Characterization Report should only be submitted if the consultant believes the SCR defines the extent of the contamination. Otherwise, the consultant should provide an Interim Status Report.
75	Site Characterization Report Consultant Cost Scenario 3: Up To 7 Borings & 5 Wells	This task consists of the personnel and equipment required hours and rates to complete the SCR report. The Report should include data collection, evaluation and documentation including all figures and reports in the format specified by the ADEQ site characterization guidance and report form (SCRF). Required attachments to the SCR include a site location map, site plan, soil contamination map, geologic cross sections, soil sampling analytical results, laboratory reports, chain-of-custody and laboratory QA/QC reports. Activities include the personnel time for preparation of the report including time for review, clerical support, and all other direct costs such as copying and binding. The Site Characterization Report should only be submitted if the consultant believes the SCR defines the extent of the contamination. Otherwise, the consultant should provide an Interim Status Report.
76	Interim Status Report	This task consists of the personnel and equipment hours and rates required to complete an interim status report. The report should be prepared for SAF applications where a final report has not been prepared.
77	Groundwater Monitoring Sampling Fieldwork Scenario 1: 2" Well < 100 Feet	This task consists of a dollar per well (\$/well) estimate to complete the following activities: quarterly well purging and sampling; purging and sampling equipment; sample storage, preservation and delivery to the laboratory. Assume purging is required for sampling. Assume no low yields.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
78	Groundwater Monitoring Sampling Fieldwork Scenario 1: 2" Well >= 100 Feet	This task consists of a dollar per well (\$/well) estimate to complete the following activities: quarterly well purging and sampling; purging and sampling equipment; sample storage, preservation and delivery to the laboratory. Assume purging is required for sampling. Assume no low yields.
79	Groundwater Monitoring Sampling Fieldwork Scenario 2: 4" Well < 100 Feet	This task consists of a dollar per well (\$/well) estimate to complete the following activities: quarterly well purging and sampling; purging and sampling equipment; sample storage, preservation and delivery to the laboratory. Assume purging is required for sampling. Assume no low yields.
80	Groundwater Monitoring Sampling Fieldwork Scenario 2: 4" Well >= 100 Feet	This task consists of a dollar per well (\$/well) estimate to complete the following activities: quarterly well purging and sampling; purging and sampling equipment; sample storage, preservation and delivery to the laboratory. Assume purging is required for sampling. Assume no low yields.
81	Groundwater Monitoring Sampling Fieldwork Scenario 3: 6" Well < 100 Feet	This task consists of a dollar per well (\$/well) estimate to complete the following activities: quarterly well purging and sampling; purging and sampling equipment; sample storage, preservation and delivery to the laboratory. Assume purging is required for sampling. Assume no low yields.
82	Groundwater Monitoring Sampling Fieldwork Scenario 3: 6" Well >= 100 Feet	This task consists of a dollar per well (\$/well) estimate to complete the following activities: quarterly well purging and sampling; purging and sampling equipment; sample storage, preservation and delivery to the laboratory. Assume purging is required for sampling. Assume no low yields.
83	Free Product/Fluid Level Monitoring	This task consists of the dollar per well (\$/well) estimate to complete the data analysis and review of the following activities: monthly water-level-elevation measurement and free product thickness measurement for each groundwater monitoring well. Assume no mob/demob or travel time.
84	Free Product/Fluid Level Monitoring Consultant Equipment Mob/Demob Cost	This task consists of the consultant personnel and equipment required hours and rates for the following activities: equipment preparation loading and decontamination. Assume no travel cost.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
85	First Quarterly Groundwater Monitoring Report Scenario 1: Up Through 5 Wells	This task consists of the personnel and equipment required hours and rates for the first quarterly monitoring report. The report must include the following: complete description of all work completed; monthly water-level-elevation data for each groundwater monitor and recovery well; monthly free product thickness data for each well containing free product; analytical results for groundwater sampling, influent and effluent sampling for all groundwater treatment systems; amount of free product and groundwater recovered; amount of groundwater treated; site diagrams, and analysis of data. Activities for the report include the personnel time for preparation, including time for review, clerical support, and all other direct costs such as copying or binding.
86	First Quarterly Groundwater Monitoring Report Scenario 2: > 5 Wells	This task consists of the personnel and equipment required hours and rates for the first quarterly monitoring report. The report must include the following: complete description of all work completed; monthly water-level-elevation data for each groundwater monitor and recovery well; monthly free product thickness data for each well containing free product; analytical results for groundwater sampling, influent and effluent sampling for all groundwater treatment systems; amount of free product and groundwater recovered; amount of groundwater treated; site diagrams, and analysis of data. Activities for the report include the personnel time for preparation, including time for review, clerical support, and all other direct costs such as copying or binding.
87	Subsequent Groundwater Monitoring Report Scenario 1: Up Through 5 Wells	This task consists of the personnel and equipment required hours and rates for the subsequent GW monitoring reports. The reports must include the following: complete description of all work completed subsequent to last report; monthly water-level-elevation data for each groundwater monitor and recovery well; monthly free product thickness data for each well containing free product; analytical results for groundwater sampling, influent and effluent sampling for all groundwater treatment systems; amount of free product and groundwater recovered; amount of groundwater treated; site diagrams, and analysis of data. Activities for the report include the personnel time for preparation, including time for review, clerical support, and all other direct costs such as copying or binding.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
88	Subsequent Groundwater Monitoring Report Scenario 2: > 5 Wells	This task consists of the personnel and equipment required hours and rates for the subsequent GW monitoring reports. The reports must include the following: complete description of all work completed subsequent to last report; monthly water-level-elevation data for each groundwater monitor and recovery well; monthly free product thickness data for each well containing free product; analytical results for groundwater sampling, influent and effluent sampling for all groundwater treatment systems; amount of free product and groundwater recovered; amount of groundwater treated; site diagrams, and analysis of data. Activities for the report include the personnel time for preparation, including time for review, clerical support, and all other direct costs such as copying or binding.
89	Approved Corrective Action Plan Scenario 1: CAP with Proposed Remediation	This task consists of the personnel and equipment hours and rates required to complete the CAP and the SAF preapproval application package in accordance with ADEQ requirements. The CAP must include the findings of the SCR, a discussion of the proposed remediation system design, a description of how the plan will be implemented, a schedule listing the major corrective action events, a timetable for the initiation and completion of the corrective action activities following plan approval, and a detailed schedule for periodic reporting, and all other ADEQ CAP requirements including public notice. Activities for the report include the personnel time for preparation of the CAP and the application package including time for review, clerical support, and all other direct costs such as copying or binding. Assume no additional time required for public hearings.
90	Approved Corrective Action Plan Scenario 2: CAP For Proposed Natural Attenuation	This task consists of the personnel and equipment hours and rates required to complete the CAP and the SAF preapproval application package in accordance with ADEQ requirements. The CAP must include the findings of the SCR, a discussion of the proposed remediation system design, a description of how the plan will be implemented, a schedule listing the major corrective action events, a timetable for the initiation and completion of the corrective action activities following plan approval, and a detailed schedule for periodic reporting, and all other ADEQ CAP requirements including public notice. Activities for the report include the personnel time for preparation of the CAP and the application package including time for review, clerical support, and all other direct costs such as copying or binding. Assume no additional time required for public hearings.

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
91	Approved Remedial Action Plan Scenario 1: RAP For Ex-Situ Soil Treatment	This task consists of the personnel and equipment hours and rates required to complete the RAP. The RAP must include the findings of the SCR, a discussion of the proposed remediation system design, a description of how the plan will be implemented, a schedule listing the major corrective action events, a timetable for the initiation and completion of the corrective action activities following plan approval, and a detailed schedule for periodic reporting. Activities for the report include the personnel time for preparation of the RAP, including time for review, clerical support, and all other direct costs such as copying or binding.
92	Approved Remedial Action Plan Scenario 2: RAP For In-Situ Soil Treatment	This task consists of the personnel and equipment hours and rates required to complete the RAP. The RAP must include the findings of the SCR, a discussion of the proposed remediation system design, a description of how the plan will be implemented, a schedule listing the major corrective action events, a timetable for the initiation and completion of the corrective action activities following plan approval, and a detailed schedule for periodic reporting. Activities for the report include the personnel time for preparation of the RAP, including time for review, clerical support, and all other direct costs such as copying or binding.
93	Excavated Soil Treatment/Disposal/Recycling: Bulk Soil Excavation (Contaminated Soil) <=500 Tons	This task consists of the estimated price per ton for the following item: Bulk Soil Excavation (Contaminated Soil) <=500 Tons
94	Excavated Soil Treatment/Disposal/Recycling: Bulk Soil Excavation (Contaminated Soil) > 500 Tons	This task consists of the estimated price per ton for the following item: Bulk Soil Excavation (Contaminated Soil) > 500 Tons
95	Excavated Soil Treatment/Disposal/Recycling: Bulk Soil Transportation (Includes Loading Up To 250 Miles Round Trip)	This task consists of the estimated price per ton for the following item: Bulk Soil Transportation (Includes Loading Up To 250 Miles Round Trip)
96	Excavated Soil Treatment/Disposal/Recycling: Backfill (Labor, Hauling; Materials; Equipment; Compaction)	This task consists of the estimated price per ton for the following item: Backfill (Labor, Hauling; Materials; Equipment; Compaction)
97	Excavated Soil Treatment/Disposal/Recycling: Landfill Disposal (Contaminated Soil)	This task consists of the estimated price per ton for the following item: Landfill Disposal (Contaminated Soil)

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
98	Excavated Soil Treatment/Disposal/Recycling: Thermal Remediation (Ex-Situ, On-Site, Portable Facility)	This task consists of the estimated price per ton for the following item: Thermal Remediation (Ex-Situ, On-Site, Portable Facility)
99	Excavated Soil Treatment/Disposal/Recycling: Thermal Remediation(Ex-Situ, Off-Site, Fixed Facility)	This task consists of the estimated price per ton for the following item: Thermal Remediation(Ex-Situ, Off-Site, Fixed Facility)
100	Excavated Soil Treatment/Disposal/Recycling: Bioremediation (Off-Site, Fixed Facility)	This task consists of the estimated price per ton for the following item: Bioremediation (Off-Site, Fixed Facility)
101	LAB ANALYSIS: TPH by 418.1 AZ/BLS - 181 (Soil Only)	LAB ANALYSIS: TPH by 418.1 AZ/BLS - 181 (Soil Only)
102	LAB ANALYSIS: TPH by EPA method 418.1 (GW only)	LAB ANALYSIS: TPH by EPA method 418.1 (GW only)
103	LAB ANALYSIS: TPH by EPA method 8015 (modified)/BLS-191 (Soil)	LAB ANALYSIS: TPH by EPA method 8015 (modified)/BLS-191 (Soil)
104	LAB ANALYSIS: TPH by EPA method 8015 (modified)/BLS191 (Air Only)	LAB ANALYSIS: TPH by EPA method 8015 (modified)/BLS191 (Air Only)
105	LAB ANALYSIS: TPH/BTEX by EPA Method 8015 (modified)/8020 (Soil)	LAB ANALYSIS: TPH/BTEX by EPA Method 8015 (modified)/8020 (Soil)
106	LAB ANALYSIS: TPH/BTEX by EPA Method 8015 (modified)/8020 (Air)	LAB ANALYSIS: TPH/BTEX by EPA Method 8015 (modified)/8020 (Air)
107	LAB ANALYSIS: BTEX by EPA 8020 (Soil)	LAB ANALYSIS: BTEX by EPA 8020 (Soil)
108	LAB ANALYSIS: BTEX by EPA 8020 (Air)	LAB ANALYSIS: BTEX by EPA 8020 (Air)
109	LAB ANALYSIS: Halogenated VOCs by EPA Method 8010 (Soil)	LAB ANALYSIS: Halogenated VOCs by EPA Method 8010 (Soil)
110	LAB ANALYSIS: Halogenated VOCs by EPA Method 8010 (Air)	LAB ANALYSIS: Halogenated VOCs by EPA Method 8010 (Air)

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
111	LAB ANALYSIS: EPA Method 8010/8020 (Soil)	LAB ANALYSIS: EPA Method 8010/8020 (Soil)
112	LAB ANALYSIS: EPA 502.2 Target compounds including BTEX (GW)	LAB ANALYSIS: EPA 502.2 Target compounds including BTEX (GW)
113	LAB ANALYSIS: EPA 524 Target compounds including BTEX (GW)	LAB ANALYSIS: EPA 524 Target compounds including BTEX (GW)
114	LAB ANALYSIS: BTEX EPA Method 503.1 (GW)	LAB ANALYSIS: BTEX EPA Method 503.1 (GW)
115	LAB ANALYSIS: BTEX EPA Method 502.2 (GW)	LAB ANALYSIS: BTEX EPA Method 502.2 (GW)
116	LAB ANALYSIS: Lead by EPA Method 6010 (Soil)	LAB ANALYSIS: Lead by EPA Method 6010 (Soil)
117	LAB ANALYSIS: EPA Method 601 (GW)	LAB ANALYSIS: EPA Method 601 (GW)
118	LAB ANALYSIS: EPA Method 602 (GW)	LAB ANALYSIS: EPA Method 602 (GW)
119	LAB ANALYSIS: EPA Method 601/602 (GW)	LAB ANALYSIS: EPA Method 601/602 (GW)
120	LAB ANALYSIS: EPA Method 8021 (Soil and GW)	LAB ANALYSIS: EPA Method 8021 (Soil and GW)
121	LAB ANALYSIS: EPA Method 80310 (Soil and GW)	LAB ANALYSIS: EPA Method 80310 (Soil and GW)
122	LAB ANALYSIS: EPA Method 80270 (Soil and GW)	LAB ANALYSIS: EPA Method 80270 (Soil and GW)
123	LAB ANALYSIS: EPA Method 80100 (Soil and GW)	LAB ANALYSIS: EPA Method 80100 (Soil and GW)
124	LAB ANALYSIS: Igniteability Test (Soil)	LAB ANALYSIS: Igniteability Test (Soil)
125	LAB ANALYSIS: pH (Soil)	LAB ANALYSIS: pH (Soil)
126	LAB ANALYSIS: pH (GW)	LAB ANALYSIS: pH (GW)

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
127	LAB ANALYSIS: Phosphate-P (Soil)	LAB ANALYSIS: Phosphate-P (Soil)
128	LAB ANALYSIS: Nitrate+nitrite-N (Soil)	LAB ANALYSIS: Nitrate+nitrite-N (Soil)
129	LAB ANALYSIS: Mobile Lab Rate - Soil and GW	LAB ANALYSIS: Mobile Lab Rate Soil and GW. Four hour minimum.
130	LAB ANALYSIS: Mobile Lab Mob/Demob Rate	LAB ANALYSIS: Mobile Lab Mob/Demob Rate
131	Equipment Rental: Decon Equipment (Buckets/Brushes/Detergent)	Equipment Rental: Decon Equipment (Buckets/Brushes/Detergent) (\$/day)
132	Equipment Rental: Hand Auger Sampling Kit (Hand Auger/Brass Sleeves)	Equipment Rental: Hand Auger Sampling Kit (Hand Auger/Brass Sleeves) (\$/day)
133	Equipment Rental: Slide Hammer Core Sampler	Equipment Rental: Slide Hammer Core Sampler (\$/day)
134	Equipment Rental: Photoionization Detector	Equipment Rental: Photoionization Detector (\$/day)
135	Equipment Rental: Flame Ionization Detector	Equipment Rental: Flame Ionization Detector (\$/day)
136	Equipment Rental: LEL/02 Meter	Equipment Rental: LEL/02 Meter (\$/day)
137	Equipment Rental: pH and Conductivity Meter	Equipment Rental: pH and Conductivity Meter (\$/day)
138	Equipment Rental: Dissolved Oxygen Meter	Equipment Rental: Dissolved Oxygen Meter (\$/day)
139	Equipment Rental: 2" Environmental Submersible Pump	Equipment Rental: 2" Environmental Submersible Pump (\$/day)
140	Equipment Rental: 4" Environmental Submersible Pump	Equipment Rental: 4" Environmental Submersible Pump (\$/day)
141	Equipment Rental: Tedlar Bag Sampler	Equipment Rental: Tedlar Bag Sampler (\$/day)
142	Equipment Rental: Portable VES Pilot Test Unit	Equipment Rental: Portable VES Pilot Test Unit (\$/day)

Arizona Department of Environmental Quality
State Assurance Fund
1996 Cost Ceiling Item Descriptions

<u>No.</u>	<u>Item</u>	<u>Description</u>
143	Equipment Rental: Portable Generator, <= 10 kW	Equipment Rental: Portable Generator, <= 10 kW (\$/day)
144	Equipment Rental: Steam Cleaner/Pressure Washer	Equipment Rental: Steam Cleaner/Pressure Washer (\$/day)
145	Equipment Rental: Water Level Indicator	Equipment Rental: Water Level Indicator (\$/day)
146	Equipment Rental: Oil/Water Interface Probe	Equipment Rental: Oil/Water Interface Probe (\$/day)
147	Equipment Rental: Contractor Heavy Duty Service Truck (includes tools and equipment)	Equipment Rental: Contractor Heavy Duty Service Truck (includes tools and equipment) (\$/day)
148	Equipment Rental: Bailer Rental	Equipment Rental: Bailer Rental (\$/day)
149	Equipment Rental: Disposable Bailers	Equipment Rental: Disposable Bailers
150	Equipment Rental: 55 Gallon Drum (new)	Equipment Rental: 55 Gallon Drum (new)
151	Equipment Rental: 55 Gallon Drum (reconditioned)	Equipment Rental: 55 Gallon Drum (reconditioned)